

Example of SAR Test Results – SAR data from actual measurements of seven different devices is shown below tested to the ICNIRP SAR limit of 2W/kg averaged over a 10gram mass.

FREQUENCY		Side of Head Left or Right	Device Test Position	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6	Model 7
MHz	Ch.			SAR 10g (W/kg)						
GSM900 Head SAR										
897.4	37	Right	Cheek/Touch	0.462	0.118	0.300	0.380	0.165	0.203	0.110
897.4	37	Right	Ear/Tilt 15 °	0.189	0.064	0.165	0.209	0.093	0.120	0.044
897.4	37	Left	Cheek/Touch	0.378	0.102	0.259	0.339	0.184	0.210	0.135
897.4	37	Left	Ear/Tilt 15 °	0.178	0.054	0.146	0.224	0.107	0.110	0.074
880.2	975	Left/Right	Cheek/Touch	0.321	0.114	0.175	0.290	0.138	0.165	0.186 (L)
914.8	124	Left/Right	Cheek/Touch	0.437	0.097	0.374 (R)	0.426 (R)	0.172	0.217 (L)	0.094
GSM 1800 Head SAR										
1747.4	698	Right	Cheek/Touch	0.425	0.133	0.121	0.228	0.055	0.080	0.05
1747.4	698	Right	Ear/Tilt 15 °	0.107	0.057	0.051	0.076	0.032	0.063	0.045
1747.4	698	Left	Cheek/Touch	0.472	0.094	0.119	0.147	0.084	0.132	0.096
1747.4	698	Left	Ear/Tilt 15 °	0.142	0.067	0.069	0.080	0.026	0.056	0.035
1710.2	512	Left/Right	Cheek/Touch	0.428	0.144	0.117	0.207	0.057	0.171 (L)	0.074
1784.8	885	Left/Right	Cheek/Touch	0.501 (L)	0.128	0.112	0.231 (R)	0.080	0.110	0.085
WCDMA 2100 Head SAR										
1950	9750	Right	Cheek/Touch	n/a	0.219	0.214	n/a	0.299	0.145	0.053
1950	9750	Right	Ear/Tilt 15 °	n/a	0.087	0.172	n/a	0.08	0.108	0.054
1950	9750	Left	Cheek/Touch	n/a	0.113	0.237	n/a	0.142	0.229	0.137
1950	9750	Left	Ear/Tilt 15 °	n/a	0.100	0.157	n/a	0.076	0.078	0.048
1922.6	9613	Left/Right	Cheek/Touch	n/a	0.166	0.239 (L)	n/a	0.263	0.167	0.176 (L)
1977.4	9887	Left/Right	Cheek/Touch	n/a	0.188	0.192	n/a	0.258	0.285 (L)	0.163

Legend

	Highest SAR value recorded in frequency band		Highest SAR value recorded in frequency band and highest value amongst all frequency bands and used to calculate Maximum SAR for reporting purposes.
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